

# EUROPEAN PATENT OFFICE

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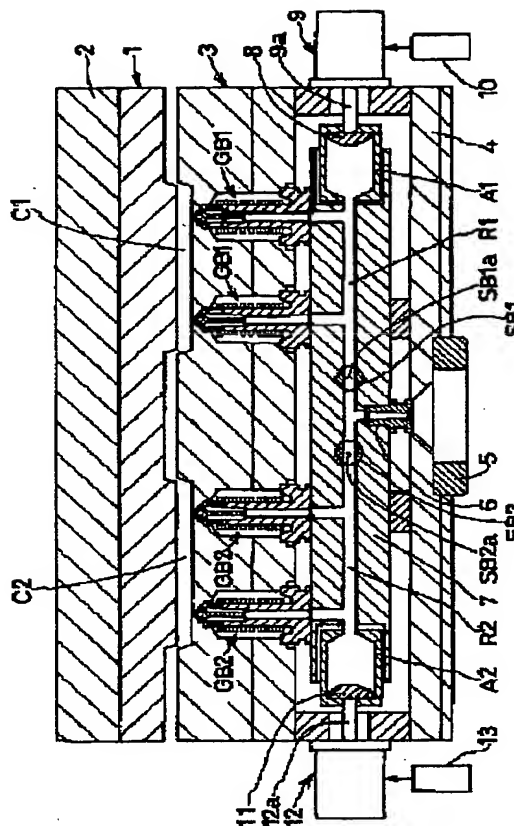
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APPLICANT : KOBE STEEL LTD;

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B29C 45/76

TITLE : INJECTION/COMPRESSION MOLDING  
DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To enable a molten resin to be supplied into each of cavities by a specified cavity capacity without quantitative scattering between the cavities, when plural pieces of a molded product are molded in the injection/compression mode using the top and the bottom force of a die with the plural cavities.

**SOLUTION:** This injection/compression molding device is operated in such a way that the top and the bottom force 1, 3 of a die having plural pieces C1, C2 of a cavity formed come in close proximity to each other and a molten resin is supplied under pressure into the cavities C1, C2 unclosed through each of resin passageways R1, R2 for the cavities C1, C2 and further, the top and the bottom force 1, 3 are closed after the completion of the pressurized supply or along with the pressurized supply action. In this case, resin storage chambers A1, A2 which once store almost the same volume of the molten resin as the cavities C1, C2 are arranged halfway through each of the resin passageways R1, R2 to the cavities C1, C2. Next, the molten resin inlet sides of the resin passageways R1, R2 are closed using shutoff valves SB1, SB2 and the molten resin is supplied under pressure into the cavities C1, C2 by hydraulic cylinders 9, 12 from the resin storage chambers A1, A2.

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